

WHAT IS CLAIMED IS:

1. An apparatus comprising:
an accelerometer adapted for generating an acceleration signal based on a detected acceleration;
a processor coupled to the accelerometer and executing a set of instructions adapted for analyzing the acceleration signal; and
a transceiver coupled to the processor and adapted to wirelessly receive an address for a monitoring device and adapted to transmit an alarm signal based on the acceleration signal to the address.
2. The apparatus of claim 1 further comprising a memory coupled to the processor and wherein the memory is adapted to store a profile for comparison with the acceleration signal.
3. The apparatus of claim 1 further comprising a housing adapted for affixation to a monitored object.
4. The apparatus of claim 1 wherein the accelerometer has a maximum sensitivity to motion in a predetermined plane.
5. The apparatus of claim 1 wherein the accelerometer includes a mercury element.
6. The apparatus of claim 1 wherein the accelerometer includes a conductive ball element.
7. The apparatus of claim 1 wherein the transceiver includes a spread spectrum frequency hopping transceiver.

8. The apparatus of claim 1 wherein the transceiver is substantially compatible with a protocol of BLUETOOTH™ technical specification version 1.0.
9. The apparatus of claim 1 wherein the transceiver includes a cellular telephone transceiver or a two-way pager transceiver.
10. The apparatus of claim 1 further including a battery power supply coupled to the processor and transceiver.
11. A method comprising:
 - generating an acceleration signal based on a detected acceleration;
 - executing a set of computer instructions to analyze the acceleration signal;
 - wirelessly receiving an address for a monitoring device; and
 - wirelessly transmitting an alarm signal based on the acceleration signal to the address.
12. The method of claim 11 further comprising wirelessly receiving an activation instruction.
13. The method of claim 11 further comprising wirelessly receiving transmission protocol instructions.
14. The method of claim 11 further comprising affixing an accelerometer to a structure.

15. A method comprising:
 - receiving an electronic address for an accelerometer;
 - transmitting a configuration message to the electronic address from a wireless transmitter having a destination address, the configuration message including the destination address; and
 - awaiting receipt of an alarm message at the destination address.
16. A method of operating a wireless accelerometer sensor coupled to a monitored object, the method comprising:
 - transmitting an authorized destination address to the sensor;
 - configuring a transmitter of the sensor to wirelessly transmit an alarm message to the authorized destination address and preclude transmission to a non-authorized destination address; and
 - awaiting receipt of an alarm message at the destination address.
17. The method of claim 16 further comprising receiving an alarm signal from an accelerometer.
18. The method of claim 17 further comprising filtering the alarm signal.